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## PATENT ABSTRACTS OF JAPAN

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**(54) PRODUCTION OF FINE POWDER SLAKED LIME BY UTILIZING FLUIDIZED BED****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide a method for producing powdery slaked lime which is very fine and therefore has high activity from coarser slaked lime.

**SOLUTION:** This fine powder slaked lime is obtained by fluidizing an inactive material, for example, silica sand which has particle size within the range of 100-1,500  $\mu$ m and narrow particle size distribution, by using warm or hot gas to form a fluidized bed having a definite temperature within the range from 30°C to 300°C, and feeding, into the fluidized bed, slurry of slaked lime of 50  $\mu$ m or less particle size produced by dispersing the lime into water, and drying the slaked lime slurry.



